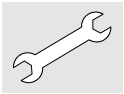

Chapter 3.8

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1 Release Info for ADC QS 2.1.37

1.1 What is new in ADC QS 2.1.37?

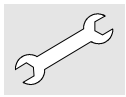
- Advanced QC-Viewer
- ID-Viewer Software (study oriented)
- Full leg / Full spine Software
- Rislink Toolkit Software (integrated in ID-Viewer)
- Dose Monitoring Software
- Auto QC Software
- Configuration Viewer as configuration tool fully released
- Secure User support
- Sending from one ADC QS Server to another one
- System Cloning possible
- New version of AGFA DICOM Bridge (ADB 2.0.09B)

For Bugfixing see chapter 3.3.

1.2 Detailed functional Overview of Software Options ADC QS 2.1.37

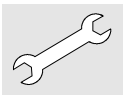
Subject	Functions
ADC Online-Processing SW	
(Configuration)	**Configuration-Viewer**
	DICOM destination configuration
	Server configuration (gateway, task manager)
	Printer configuration
	Backup / Restore
	Logging
	Import / Export CPF-File
	License the SW
(DICOM Gateway)	**Accept images from multiple SOLO/COMPACT (DICOM Storage SCP)**
(Task manager)	**Managing online processing** (=auto print, online MUSICA processing, disc monitoring)
(Server)	**Meta data server**
	DICOM attributes mapping
	Online image Processing server (MUSICA, collimation)
(Storage)	**Storage server**
	Local disk
(Basic-QC)	**Basic QC -Viewer**

Subject	Functions
	Sequential overview
	Image processing (basic: user can select processing parameters from a different exam type)
	System monitor (functions reachable/adjustable)
	Preview
	Window/Level + "Undo W/L"
	Free annotation text
	Mirror, rotate (flip/rotate)
	Magnifying glass
	Release (study oriented)
	Shutters
	Basic Print
	DICOM print (check IE-release for supported printers)
	Quick print (Re-Print=using the same layout and destination as online)
	Print of modified images (W/L, rotate, etc.)
ADC QC-Viewer SW (Server only)	
	Sequential mode
	Thumbnail pane
	Image pane
	Study mode
	Navigation palette (On hold / Released studies)
	Image pane
	Thumbnail pane
	Print preview pane
	Viewer functions
	Image processing palette
	Window/level
	Undo window/level
	Show histogram
	Basic Image Processing settings (select processing parameters from a different exam type)
	Advanced Image Processing settings (changing MUSICA parameters, selection of Sensitometric curves)
	Invert
	Burn
	Collimation
	Automatic collimation
	Collimation on/off
	Show collimation frame
	Shutters
	Transform palette
	Flip/rotate
	Zoom in/out



Subject	Functions
	Magnifying glass
	Roaming
	Annotation
	Distance measurement
	Angle measurement
	Line calibration
	Line
	Arrow
	Rectangle
	Circle
	Polygon
	Grid
	Rectangular ROI
	Free annotation text
	Predefined annotation text
	Image management
	Configurable Demographics
	Display study overview
	Dialog boxes
	Study information
	Save
	Delete
	Print
	DICOM print (check IE-release for supported printers)
	Quick print (Re-Print=using the same layout and destination as online)
	Print of modified images (W/L, rotate, etc.)
	Support old “ADC7xx” layouts
	Support new non MG3 layouts
	GUI (support drag and drop of images into sheets)
	Changing layout and printing destination, sheet size etc.
	Handle multiple sheets (because of study oriented working)
	Common and image specific text box
	Quick Print
ADC Diagnostic Viewer SW (Server only)	
	Selector mode
	Filter pane
	List view pane (=result of a query = worklist)
	Thumbnail pane (=pictorial view)
	Navigation pane (=favorite query)
	Viewer mode
	Navigation palette (select: study, patient, image)

Subject	Functions
	Format palette
	"One" single large image view
	"2 or 4" image view
	Image processing palette
	Window/level
	Undo window/level
	Show histogram
	Basic Image Processing settings (select processing parameters from a different exam type)
	Advanced Image Processing settings (interactive image proc., changing MUSICA parameters, selection of sensitometric curves)
	Invert
	Burn
	Collimation
	Automatic Collimation
	Collimation on/off
	Show collimation frame
	Shutters
	Transform palette
	Flip/rotate
	Zoom in/out
	Magnifying glass
	Roaming
	Annotation
	Distance measurement
	Angle measurement
	Line calibration
	Line
	Arrow
	Rectangle
	Circle
	Polygon
	Grid
	Rectangular ROI
	Free annotation text
	Predefined annotation text
	Image management
	Configurable Demographics
	Display study overview
	Dialog boxes
	Study information
	Save
	Delete
	Print



Subject	Functions
	DICOM print (check IE-release for supported printers)
	Quick print (Re-Print = using the same layout and destination as online)
	Print of modified images (W/L, rotate, etc.)
	Support old "ADC7xx" layouts
	Support new non MG3 layouts
	GUI (support drag and drop of images into sheets)
	Changing layout and printing destination, sheet sizes , etc.
	Handle multiple sheets (because of study oriented working)
	Common and image specific text box
	Quick Print
ADC DICOM-Store Connection	
	DICOM Storage of raw/processed image
	on-line transmission via network
ADC Multi Format Import/Export	
	off-line transmission via CD-writer
	Import/Export XML format between QS systems
ADC Autorouting SW	
	Auto routing
	Auto archive (to PACS)
ADC Annotation SW	(Mark-up palette) (option on advanced QC viewer only)
	Distance measurement
	Angle measurement
	Line calibration
	Circular calibration
	Line
	Arrow
	Rectangle
	Circle
	Polygon
	Grid
	Density Profile
	Rectangular ROI
	Free annotation text
	Predefined annotation text
ADC Black Border SW	
	Black border
ADC Smart-Print SW	
	Layout generation editor
	Drag images between sheets

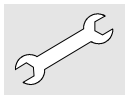
Subject	Functions
	Shuttered, zoomed and roamed images
	Starting from empty sheet
	Paper print (postscript)
ADC Pediatric SW	
ADC Uro/Tomo SW	
ADC Dental SW	

1.3 Software Licenses

Software - Options	License for each Server PC	License for each Client PC
ADC Online-Processing Software (Win)	X	
ADC IPD-Viewer Software (Win)		X
ADC Black Border Software (Win)	X	
ADC Smart Print Software (Win)		X
ADC Autorouting Software (Win)	X	
ADC Pediatric Software (Win)	X	
ADC Uro/Tomo Software (Win)	X	
ADC Dental Software (Win)	X	
ADC DICOM-Store (Win)	X	
ADC Multi Format Import/Export (Win)	X	
ADC Annotation Software (Win)		X
ADC QC-Viewer Software (Win)		X
ADC ID Software (for Win appl.)		X
ADC Full leg/spine Software (Win)		X
ADC Rislink Toolkit Software (for Win appl.)	X	
ADC Dose-Monitoring Software (Win)	X	
ADC Auto QC Software (Win)	X	

1.4 Supported Languages

Language	Windows language setting
English	**English (US)**
Dutch	**Dutch (Standard)**
French	**French (Standard)**
German	**German (Standard)**
Spanish	**Spanish (Standard)**
Portuguese	**Portuguese (Standard)**



Swedish	**Swedish (Standard)**
Japanese	**Japanese (Standard)**
Chinese (simplified)	**Chinese (PRC)**
Chinese (Traditional)	**Chinese (Hong Kong)**
Korean	**Korean**

1.5 AGFA DICOM BRIDGE (version ADB 2.0.09b)

The most important changes & new functionalities versus ADB.1.9.xx are :

- Added support for multi-byte characters and DICOM extended character sets.
- Added the ability to remove extended characters from the transmission, or to convert them to an ASCII form (either the hex value or a generic Placeholder character).
- Added the ability to remove the ideographic and phonetic portions of a person's name.
- Added the ability to convert the DICOM extended data to Unicode UTF-8 encoding.
- Made the order Update and Mapping are performed configurable. The default is to Map before Update.
- Added support for the VR type UT.
- Added a new rule set Redirect Association that allows the dataset to be sent to a different host when the rules are matched.
- Added another form of the $INCREMENT keyword, $MATCH_COUNT, that does not have to be present in the dataset.
- Updated the logging to log to multiple 500kbyte files. The current data is logged to adblog.txt. The next older data is in adblog1.txt. The higher the file number, the older the data. When the maximum file size is reached, the oldest file is deleted. The logfiles are no longer deleted on startup. Debug logging now logs the dataset both before and after modification.
- Changed the installer so the NT Service is automatically installed. It needs to be manually changed to Automatic start and then started.
- The full path of the definition file is no longer needed for the NT Service.
- Fixed a bug where if a dataset had an empty value for one of the Matching Attributes, the rest of the Matching Attributes were not checked. This could cause a false match.
- Added additional introductory information to the User Guide.
- Removed the Solaris information from the User Guide.
- Removed the Windows command line version from the release.
- Added an ADC QS specific definition file, "adc-img.def".

For more information on ADB refer to chapter 3.2